

Table 9: Triclosan – Consumer Handwash Study

Formulation	Test Subjects	<i>S. marcescens</i> / (<i>E. coli</i> ¹)				Wash Vol.	Wash Time	Rinse Time	Massage Time	Neutral-ization ^{2,3}	Statist. Signif. vs. Baseline	Log Reduction (Versus Baseline)	
		Baseline (log ₁₀ /hand)	Vol. ¹	Rub Time	Dry Time							Wash No.	
												1	10
Industry Proposal Food Prep.	-	-	-	-	-	-	-	-	-	-	-	1.5	-
Consumer Handwash												1.0	-
0.4% “activated” Triclosan Fuls et al, 2003	30	~ 9	1.5mL + 1.5mL + 1.5mL	30sec	90sec	3.2mL	30sec	30sec	60sec	Glove	P<0.001	3.47	3.58
0.9% “activated” Triclosan Fuls et al, 2003	30	~ 9	1.5mL + 1.5mL + 1.5mL	30sec	90sec	3.2mL	30sec	30sec	60sec	Glove	P<0.001	3.72	4.06
0.9% “activated” Triclosan ¹ Fischler et al, 2003	30	~ 9	1.5mL + 1.5mL + 1.5mL ¹	30sec	90sec	3.2mL	30sec	30sec	60sec	Glove	P<0.001	3.78	4.04

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		Baseline (log ₁₀ /hand)	Vol. ¹	Rub Time	Dry Time							Wash No.	
												1	10
0.4% Triclosan Fuls et al, 2003	NA	~ 9	1.5mL + 1.5mL + 1.5mL	30sec	90sec	~3.5mL	30sec	30sec	60sec	Glove	P<0.001	2.13	2.20

1. *E. coli* used as marker organism in study by Fischler et al, 2003

2. The indication "1.5mL + 1.5mL + 1.5mL" indicates that three additions of test material were used to reduce the loss through the subject's fingers.

3. The term "Glove" indicates that the neutralizers were incorporated into the sampling fluid in the glove.

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		Baseline (log ₁₀ /hand)	Vol. ¹	Rub Time	Dry Time							Wash No.	
												1	10
Industry Proposal Food Prep.	-	-	-	-	-	-	-	-	-	-	-	1.5	-
Consumer Handwash												1.0	-
0.4% “activated“ Triclosan Fuls et al, 2003	30	NA	1.5mL + 1.5mL + 1.5mL	30sec	NA	NA	30sec	30sec	60sec	Glove	P<0.001	3.47	3.58
0.9% “activated“ Triclosan Fuls et al, 2003	30	NA	1.5mL + 1.5mL + 1.5mL	30sec	NA	NA	30sec	30sec	60sec	Glove	P<0.001	3.72	4.06
0.4% Triclosan Fuls et al, 2003	NA	NA	1.5mL + 1.5mL + 1.5mL	30sec	NA	NA	30sec	30sec	60sec	Glove	P<0.001	2.13	2.20

1. The indication “1.5mL + 1.5mL + 1.5mL” indicates that three additions of test material were used to reduce the loss through the subject’s fingers.

2. The term “Media” indicates that the neutralizers were incorporated into the dilution and plating media only.

3. The term “Glove” indicates that the neutralizers were incorporated into the sampling fluid in the glove